

ABSTRACT

In order to make it possible to reproduce information recorded on an optical recording medium without causing deterioration in the information, a semiconductor laser driving device (101) of the present invention includes: a semiconductor laser (1); a photodetecting element (2) for receiving a part of light emitted from the semiconductor laser and converting the part of light into an electric signal (V_{opt}) corresponding to a light amount; a laser driving circuit (4) for inputting a driving signal (I_d) into the semiconductor laser (1) in such a manner that an average value (V_m) of the electric signal coincides with a given target value; and a high-frequency superimposing control section (5) for controlling an amplitude (ϕ) of the high-frequency signal (U_f). The high-frequency superimposing control section (5) controls the amplitude (ϕ) in such a manner that a peak-to-average ratio (R) that is a ratio of a peak value (V_p) of the electric signal (V_{opt}) with respect to the average value (V_m) of the electric signal (V_{opt}) does not increase above a given reference value (R_s).